## EAST Search History

| Ref # | Hits  | Search Query  | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|-------|-------|---|--------------------|---------------------|---------|---------------------|
| S1    | 1     | "20050123138"   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/08/28<br>08:58 |
| S2    | 476   | 380/255.cds.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/08/28<br>08:58 |
| S3    | 18205 | reference with signal with delay  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/08/28<br>08:59 |
| S4    | 272   | stor\$3 with (reference adj<br>signal) with delay   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/08/28<br>09:00 |
| S5    | 3     | stor\$3 with (reference adj<br>signal) with delay and<br>(compar\$3 with value with<br>channel) | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/08/28<br>09:05 |
| S6    | 1     | "20040224657"   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/08/28<br>09:05 |
| S7    | 1537  | 455/63.1.ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/27<br>09:58 |
| S8    | 389   | 455/67.16.ccls.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/27<br>09:59 |
| S9    | 912   | 380/44.ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/27<br>10:02 |
| S10   | 919   | 380/270.ccls.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/27<br>10:02 |
| S11   | 258   | 455/504.ccls.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/27<br>10:02 |
| S12   | 17594 | generat\$3 with key with signal   | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/27<br>12:51 |
| S13   | 181   | generat\$3 with key with<br>signal and signal with<br>estimat\$3 with value                     | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/27<br>12:57 |
| S14   | 10    | generat\$3 with key with<br>estimat\$3 with value and<br>signal with estimat\$3 with<br>value   | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/27<br>12:57 |
| S15   | 94    | generat\$3 with key with<br>signal and signal with<br>estimat\$3 near2 value                    | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/27<br>13:00 |
| S16   | 28    | generat\$3 with key with<br>value and signal with<br>estimat\$3 near2 value                     | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/27<br>13:01 |
| S17   | 2     | (("20030063751") or<br>("20030215088")).PN.   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2008/02/27<br>13:51 |

| S18         | 1    | ("2003/0215088").URPN.   | USPAT                        | OR | ON  | 2008/02/27<br>14:03 |
|-------------|------|--|------------------------------|----|-----|---------------------|
| <b>S</b> 19 | 0    | ("2003/0063751").URPN.   | USPAT                        | OR | ON  | 2008/02/27<br>14:03 |
| S20         | 386  | 380/278.ccls.  | USPAT                        | OR | ON  | 2008/02/27<br>14:18 |
| S21         | 1    | ("20050063547").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2008/02/27<br>14:31 |
| S22         | 3    | (("20050063547") or<br>("6035405") or<br>("20040190719")).PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2008/02/27<br>14:32 |
| S23         | 0    | ("2004/0190719").URPN.   | USPAT                        | OR | ON  | 2008/02/27<br>14:52 |
| S24         | 1    | "6188768".pn.  | USPAT                        | OR | ON  | 2008/02/27<br>14:59 |
| S25         | 25   | ("5017974"   "5307410"  <br>"5515438"   "5675648"  <br>"5732139"   "5757912"  <br>"5764765"   "5768378"  <br>"5808473"   "5828681"  <br>"5806224"   "5999285"  <br>"6028935",PM, OR<br>("6188768").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/02/27<br>15:05 |
| S26         | 46   | (orthogonal with conversion) with delay  | US-PGPUB;<br>USPAT;<br>USOOR | OR | ON  | 2008/02/28<br>10:10 |
| S27         | 19   | (orthogonal with<br>conversion) with condens<br>\$3  | US-PGPUB;<br>USPAT;<br>USOOR | OR | ON  | 2008/02/28<br>10:50 |
| S28         | 1674 | equaliz\$3 with signal with correct  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/02/28<br>10:57 |
| S29         | 116  | equaliz\$3 with signal with correct with transmit\$4   | US-PGPUB;<br>USPAT;<br>USOOR | OR | ON  | 2008/02/28<br>10:58 |
| S30         | 763  | antenna with receiver with<br>weight\$3 with signal  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/02/28<br>11:13 |
| S31         | 92   | antenna with receiver with<br>weight\$3 with signal with<br>value  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/02/28<br>11:14 |
| S32         | 533  | 455/67.14.ccls.  | US-PGPUB;<br>USPAT           | OR | ON  | 2008/08/12<br>09:30 |
| S33         | 2907 | 455/67.11.ccls.  | US-PGPUB;<br>USPAT           | OR | ON  | 2008/08/12<br>09:30 |

| S34 | 3265 | S32 or S33                          | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/12<br>09:31 |
|-----|------|-------------------------------------|--------------------|----|-----|---------------------|
| S35 | 119  | S32 and encod\$3                    | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/12<br>09:31 |
| S36 | 204  | 380/258.ccls.                       | US-PGPUB;<br>USPAT | OR | ON  | 2008/09/02<br>11:16 |
| S37 | 163  | S36 and key                         | US-PGPUB;<br>USPAT | OR | ON  | 2008/09/02<br>11:17 |
| S38 | 44   | S36 and key with signal             | US-PGPUB;<br>USPAT | OR | ON  | 2008/09/02<br>11:18 |
| S39 | 46   | S36 and key with signal\$4          | US-PGPUB;<br>USPAT | OR | ON  | 2008/09/02<br>11:18 |
| S40 | 2    | (("5995533") or<br>("5604806")).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2008/09/02<br>11:19 |

<sup>9/9/2008 2:26:12</sup> PM

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